



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/637,086

DATE: 08/25/2000  
TIME: 11:22:38

Input Set : D:\COTTONREGAUG2000.RPT  
Output Set: N:\CRF3\08252000\I637086.raw

Does Not Comply  
Corrected Diskette Needed

1 <110> APPLICANT: Fincher, Karen L.  
2 La Rosa, Thomas J.  
3 McCarter, David W.  
4 Pear, Julie R.  
6 <120> TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
7 Plants  
9 <130> FILE REFERENCE: 38-21(51375)B  
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/637,086  
C--> 11 <141> CURRENT FILING DATE: 2000-08-11  
11 <150> PRIOR APPLICATION NUMBER: US 60/149,881  
13 <151> PRIOR FILING DATE: 1999-08-19  
15 <160> NUMBER OF SEQ ID NOS: 52949  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 226  
19 <212> TYPE: DNA  
20 <213> ORGANISM: Gossypium hirsutum  
22 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-A10  
24 <400> SEQUENCE: 1  
26 caatagccaa gacattgact gatctgtggt ggctaaactg aagacgggag caggtctctg 60  
28 atacttcata aacccaactc ctactaccca gtctcagtgc gctctcatgg cagcgctcac 120  
30 atctggagat cagcatacct catcaactac taacgcctaa ctactagacc atacattgag 180  
32 accctgctga ggtagtcacc taaaatagag gcccggttc tctata 226  
35 <210> SEQ ID NO: 2  
36 <211> LENGTH: 217  
37 <212> TYPE: DNA  
38 <213> ORGANISM: Gossypium hirsutum  
40 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-A11  
42 <400> SEQUENCE: 2  
44 tcatgattat gaaccggaag cgttgtaacc tctgcctcaa ttacaaatct acttggggga 60  
46 taatacatta gcgcaaataa ctccatctcc gaagataaag gtgtacaaca ttacctccat 120  
48 cctcgaagaa cgtggccaat tcaccggcgt catcatgcta tggaaagcca cacaggctgc 180  
50 tgatcaacta atcaaccacc taaactcacc gcaccct 217  
53 <210> SEQ ID NO: 3  
54 <211> LENGTH: 199  
55 <212> TYPE: DNA  
56 <213> ORGANISM: Gossypium hirsutum  
58 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-A9  
60 <400> SEQUENCE: 3  
62 ccaagcgtg tttcaccctg acttgctctt cttgtcctct ggcaaggaca catcagctca 60  
64 ctatattcct gcgccccgc ttaacgtggt caacatcact cgcacacctt acaaaagtgg 120  
66 ccaaaccacca ctttcacat gctcttgat gccacacaac tggctgatca actaaacatc 180  
68 tcagcttato acaccgcta 199  
71 <210> SEQ ID NO: 4  
72 <211> LENGTH: 229  
73 <212> TYPE: DNA  
74 <213> ORGANISM: Gossypium hirsutum  
76 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-B10

See p. 6

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78 <400> SEQUENCE: 4
80 cggcgccgat gggcatgatt taatggaggc tgttgccct gatttctact gtgtccggca 60
82 gatctttgat ggtgaggggtg ctccaggagc tcacgattga attgtaacac ggtgttaaatt 120
84 ctagaatcgc agatgtgacg ggggaaattt tacggaaaag aagggtctggg aaaataccac 180
86 gtgtcacaac ttctgtgcta tagaacatct ggaggcacca ctctcagt 229
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 375
91 <212> TYPE: DNA
92 <213> ORGANISM: Gossypium hirsutum
94 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-B11
96 <400> SEQUENCE: 5
98 cttgctaact gtctcttttcg catgggtggc tcagcggctc tgtgtcgta ccgccgctca 60
100 tagaggccgg gagccaagta ccgacttctg cactgtgttc gaaccacaa aggggcccgt 120
102 gacaaggcct accgatgcgt gtttgaagaa gaagactaat acggcaaagt tgggatatca 180
104 ttatctaaag atctcatggg tatagctgga gaggtttat aatccaacat taccacaata 240
106 gggccttttg tgctttcagg gtggggacaa ctctatttt ttctcactct gttcgggcgt 300
108 taagtcttca acccccagtg gaagccttat attccagact tcaagctggc gtttgagcac 360
110 tttgcatcc atgct 375
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 162
115 <212> TYPE: DNA
116 <213> ORGANISM: Gossypium hirsutum
118 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-B9
120 <400> SEQUENCE: 6
122 tagaaatgga tattgcaaca taagcaccgg aaactccttt gacaagtga agaatgtta 60
124 tagctgacct tgatgatata attcgctaga ccctatgtgg aatggtcatt gtttcacttg 120
126 atgggtgtgc catacacatg gtacagtacc aggacactac tt 162
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 310
131 <212> TYPE: DNA
132 <213> ORGANISM: Gossypium hirsutum
134 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-C11
136 <400> SEQUENCE: 7
138 ctcaactctg caattgcgag aagaaacgag acgggggaaa tccaatggat ttggaaacgg 60
140 cgaagaaata cttggagaaa ggagttgggg ctgacggcga tgacaagaac gcctcaacca 120
142 tcaatggcat gccttctaga ttcttcgaaa acttcatcat gcaaggcttc catgttgacc 180
144 aaatcgtaaa gggtcgagtc ctttgctcca tgaaagtccc tcctcgtttg ctgaacgctg 240
146 gtaatttctt gcacgggtga gctactgcat cactgggtga tttgttga tcagcggtta 300
148 tttacaccta 310
151 <210> SEQ ID NO: 8
152 <211> LENGTH: 286
153 <212> TYPE: DNA
154 <213> ORGANISM: Gossypium hirsutum
156 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-C12
158 <400> SEQUENCE: 8
160 gacgattctt gttttcttca ttgtaagggc ttatggggac tacatcatat ctagtgggtg 60
162 tcgtttctta ccagagctg ttttaatgga ccttgaacca tgaaccatgg atagcttgct 120
164 tactggtcg tacggacaac ttttagacc tgattactac attttggtc aaaatggatc 180
166 taggaataac tcgggctaag ggtcattaca ctgaatgagc tccatcgatt gattcgggtc 240

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168 ttgatgttgt tcttaaagaa actaagaatt gtgattgctt acaaag      286
171 <210> SEQ ID NO: 9
172 <211> LENGTH: 164
173 <212> TYPE: DNA
174 <213> ORGANISM: Gossypium hirsutum
176 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-C9
178 <400> SEQUENCE: 9
180 ccgctctaga actagagctt ccgcctccct ggagctgtac gaatccagca cgagctcaat      60
182 tgcgtccagt agacaagacg caaggggtgct ctccaattga tgcgagatgc tcattgccaa      120
184 ttccaactaa ctacttgatc aattcattcg atactacaca gctt      164
187 <210> SEQ ID NO: 10
188 <211> LENGTH: 337
189 <212> TYPE: DNA
190 <213> ORGANISM: Gossypium hirsutum
192 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-D10
194 <400> SEQUENCE: 10
196 aattcgagac gagttgagac tgagttctgg accacattct tctggaagcg cgactactct      60
198 tcaactatgt acattccacg agataaggat accgatagac cctaagatgc tgactttcgt      120
200 tgaatacga ggcgaggacg tgggcgctta cgctatgcag atgaatgttg gccatcatac      180
202 tacatataac cgaaccttgc aagccacgat gctcatgcaa gagatgtcta tggaaatccc      240
204 tggcaattca tccatgtttt ctgcagagac aactacaga gcaagggttt accagggtgt      300
206 agtgaacatc atagctaac tagaggagct gaagaag      337
209 <210> SEQ ID NO: 11
210 <211> LENGTH: 362
211 <212> TYPE: DNA
212 <213> ORGANISM: Gossypium hirsutum
214 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-D11
216 <400> SEQUENCE: 11
218 tagaactatg tggatctcct ggtctacatg atttcgagcc gatttggtac atctgtctga      60
220 actatacatt tggggtcata tctatataca caagaatttt cgaaactcat aatgttgtaa      120
222 tcaacgccct caatggatgt agaacgattg caaagcatta tgaaaagaac aatcacaaaca      180
224 cacaattttt acatgaaaat tcttttggga aaaaactatg gactgatgaa taaaaattca      240
226 ctaaagttag aaaaactatg acacatgagg agtctaggct acatctatct aaaggttgaa      300
228 ataccctgtt ctaatcaaag tcatatgata gaagtacttt atggactcaa cttgtgcaat      360
230 at      362
233 <210> SEQ ID NO: 12
234 <211> LENGTH: 345
235 <212> TYPE: DNA
236 <213> ORGANISM: Gossypium hirsutum
238 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-D12
240 <400> SEQUENCE: 12
242 tctgttccct aatcaagatg agaacactgt gtacggggag cttctgcgc ctcaaccacc      60
244 acggttccat gtgcattcct tttgcatgac cctcactgtc tcagattcat gcaccatagg      120
246 tgggttttcg gcgctcatgc ggcatgcaga ttaatgtgtt ccaccattgg acatgtcact      180
248 gcaacctaca acccaggagt tgggtgctta ggatagcat ggcatagagt ggcgattcca      240
250 gcatattttc aggggtgaac cactattgca cttgcttcaa agcggatgga gtgttcattg      300
252 tagctcctcc aggctatgtt ctagggatgc tttaatatat tttag      345
255 <210> SEQ ID NO: 13
256 <211> LENGTH: 233

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257 <212> TYPE: DNA
258 <213> ORGANISM: Gossypium hirsutum
260 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-D9
262 <400> SEQUENCE: 13
264 tggctgtaga tctagaacta gcggatccct ggatctgttc gaatccagca cgcttatgca   60
266 cttagttaga agaaacgtga cgggggaagt ccaatggatt tggaaactgt gaataaatac   120
268 ttggagaaag gattttgggc tgacgggaat tacatgaact ccttaccat caatggactt   180
270 ccttcattat tcttcgaaaa cttcatcatg catggtctct atgtagacca aat         233
273 <210> SEQ ID NO: 14
274 <211> LENGTH: 327
275 <212> TYPE: DNA
276 <213> ORGANISM: Gossypium hirsutum
278 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-E12
280 <400> SEQUENCE: 14
282 cgacattggt gacaatccct atctttgtcc taaagggcct ccttttcctc tccagctcct   60
284 cggctacacc aaatagcgat gcacatcact acctgttctc atcatcatgt gtccactcca   120
286 gctatccaag cctttgtttt cgcacccttt catcctactc cggcccatcc aacaccctac   180
288 gatagttagc cctatccgcc gttaaagtca tcctgtcccg tgcccgttaa gagtctaaat   240
290 acctgtctac tagtgtgaca tagtacaaca tgagggaact agtcgcactg attgactgag   300
292 tggagcaaat agattagtct atggatg                                     327
295 <210> SEQ ID NO: 15
296 <211> LENGTH: 209
297 <212> TYPE: DNA
298 <213> ORGANISM: Gossypium hirsutum
300 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-E9
302 <400> SEQUENCE: 15
304 ctcatattgt ttgtatatct actcatattc ggtggtgtct acttacgcta gaattattgt   60
306 aatacatcat gatgtcctaa acgcctacaa cggatgaaga atcactatgc tggcatttat   120
308 tataagaaaa tattgatcac acagacattt tcatgataat tctcctggga aaaaactgtc   180
310 tcttgattga ttaaaaatac actaaggtt                                     209
313 <210> SEQ ID NO: 16
314 <211> LENGTH: 393
315 <212> TYPE: DNA
316 <213> ORGANISM: Gossypium hirsutum
318 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-F10
320 <400> SEQUENCE: 16
322 gggccataat gcatgtcata atttatgatg taaacttaaa taacatgaga gttacataat   60
324 gcatgacttt attaaatgca taacacatag tgcatgtcac aattaaaaga tgttgattaa   120
326 taatgcaaaa cattaattaa agatgcatat aataaacaag acataattaa aagctgaaaa   180
328 attaatataa ctaaaacaaac aaccacatgc aaaacattgt atggacatgg gatgttattt   240
330 tgggtccaat aagggttgga catctcatgt tcagcccaaa cttgctgaat taggcccac   300
332 atcgaccctt taaacttctt tgatctagca catgttataa acccgatgag aatttcaatt   360
334 ggatcctctc ttgaaatagg caacttagag gtt                                     393
337 <210> SEQ ID NO: 17
338 <211> LENGTH: 338
339 <212> TYPE: DNA
340 <213> ORGANISM: Gossypium hirsutum
342 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-F11
344 <400> SEQUENCE: 17

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346 aaaatgtgag cattgaagac accaaaggto ggcatgaggg tcgtttgtga agggattaaa 60
348 gctaccggcc cgaaggcaaa atcagcaacc acagcttcaa cttctaagtc aaaaatgtaag 120
350 gttgatttga gactcaagat ctggtaatgg actatctgat cgacgagaat attttgagaa 180
352 agagaatcaa tgggtgaagaa aaagggttgg tggttatgat attttattac tcctgttatg 240
354 gttgttatgt tcttaaatgt gtgtcgatat ttttttatgg aggcaatatg ttgtcaaaatt 300
356 ggggtgatctg atcgatataag gtatagaaaa atgtcatg 338
359 <210> SEQ ID NO: 18
360 <211> LENGTH: 395
361 <212> TYPE: DNA
362 <213> ORGANISM: Gossypium hirsutum
364 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-F12
366 <400> SEQUENCE: 18
368 gaaaaacgct gcttgcaggt atgtcatcat ccgataagcc agaattagtt gaaagggatg 60
370 ttaaggacaa ggtggatgac aaagaagaca acagtggatt tatagacaag gtcaaggggt 120
372 tcattcatga cattgggtgag aagatcgagg aaacaatcgg ctttggcaag cctactgcag 180
374 atgtagctga gattcacctc cttgttatca atcttgagaa agcagaaatt gtcgttgatg 240
376 tcctcataaa gaacccaaac cctgttccaa tccccctcgt cgacattgac tacctcattg 300
378 aaagtgatgg tagaaaactc ctttcaagct tgattccaga tgctggaacc atccatgctc 360
380 atgggtgagga gactgtcaaa ataccagtta ctttg 395
383 <210> SEQ ID NO: 19
384 <211> LENGTH: 200
385 <212> TYPE: DNA
386 <213> ORGANISM: Gossypium hirsutum
388 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-F9
390 <400> SEQUENCE: 19
392 gttacataat gcatgtcata atgtatgatg tactcgggaa tctcatgaga gttacatatt 60
394 gcatgactct ttttaattgca aaacgcatta cgcattgtgac ggtaactaga tgcagggcaa 120
396 tattgccaac tgttacctac cgttgcgtgc cgtataaccag acctgactct aagctgtctt 180
398 cctaattggg ctttccactc
401 <210> SEQ ID NO: 20
402 <211> LENGTH: 231
403 <212> TYPE: DNA
404 <213> ORGANISM: Gossypium hirsutum
406 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-G10
408 <400> SEQUENCE: 20
410 gtttttgctt acttgcctc aagattaata aagggtgtga tagaaaagat gtttatgcaa 60
412 acaaatgtat gtaaagaaga tgaacattaa agcccaaaac ttcaatcata tcttaagctt 120
414 gtttctgagt ctataattag tgaacacttc tgtattacaa cttatatata tatatattag 180
416 ttcaattctg gtcaaaaaaa aaaaacatgc tgaaaattat ataaaaataa a 231
419 <210> SEQ ID NO: 21
420 <211> LENGTH: 158
421 <212> TYPE: DNA
422 <213> ORGANISM: Gossypium hirsutum
424 <223> OTHER INFORMATION: Clone ID: LIB3083-001-Q1-L1-G11
426 <400> SEQUENCE: 21
428 cgcgtgtcag ctgcgagact tcttgtgatt atagaggggc aatcgtgtga ccatctgctt 60
430 gcgtcatatg ctacatcaac agattcatta ccaacgaatc gtacgtagat gagaacgaca 120
432 tacactgcta cccttgact cttcgagtat attaccat 158
435 <210> SEQ ID NO: 22

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<210> 49  
 <211> 412  
 <212> DNA  
 <213> Gossypium hirsutum

seg # 49

<223> unsure at all n locations  
 <223> Clone ID: LIB3083-001-Q1-L2-C8

<400> 49

gatttgcggg actttatcaa ataggtttgt gtttttatgc tgttatctcc ttacagtcct 60  
 cggtgttttg tcaagaggct gtaaatttaa catgcctggc atgggagaag agatggcttt 120  
 aaaagaaatt attattgtaa gagctgggaa gaatgcccta gcatgcacag aggaagacaa 180  
 agagctgaag atggtgatgg caccatccat atttgtggtt tagttatata tgcttttcct 240  
 acagttttgt aaagatgagg tagatgatga tcgtgatgta ataatatgta agtggtggta 300  
 ttggtacgca agtctggtga cacctcatcc agtctcggtg tttgttgtga acttcgattg 360  
 atttgatttt gcgatgaaga anatcatgca tgttttctca taaaaaaaaa aa 412

Per Section 1.823 of the  
 new sequence rules, <220> to <223>  
 features are mandatory for  
 unknown sequences, artificial  
 sequences, and sequences

containing  
 "n's" or  
 "Xaa's".

See #10  
 on Error  
 Summary  
 Sheet

Example:

<220>

<222> (1... 412)

<223> unsure at all n locations

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the  
 Sequence Listing to ensure that a corresponding explanation is presented in the <220> to  
 <223> fields of each sequence which presents at least one n or Xaa.

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1081 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:49  
L:1081 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:49  
L:1081 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:49  
L:1081 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:49  
L:1784 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:82  
L:1784 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:82  
L:1784 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82  
L:1784 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:82  
L:2307 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:105  
L:2307 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:105  
L:2307 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:105  
L:2307 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:105  
L:3488 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:156  
L:3488 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:156  
L:3488 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:156  
L:3488 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:156  
L:4081 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:183  
L:4081 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:183  
L:4081 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:183  
L:4081 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:183  
L:4332 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:195  
L:4332 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:195  
L:4332 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:195  
L:4332 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:195  
L:4338 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:195  
L:4338 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:195  
L:4338 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:195  
M:340 Repeated in SeqNo=195  
L:4381 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:197  
L:4381 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:197  
L:4381 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:197  
L:4381 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:197  
L:4408 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:198  
L:4408 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:198  
L:4408 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:198  
L:4408 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:198  
L:4539 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:204  
L:4539 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:204  
L:4539 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:204  
L:4539 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:204  
L:4626 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:208  
L:4626 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:208  
L:4626 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:208  
L:4626 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:208  
L:4675 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:210  
L:4675 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:210

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L:4675 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:210  
L:4675 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:210  
L:4816 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:217  
L:4816 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:217  
L:4816 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:217  
L:4816 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:217  
L:5001 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:225  
L:5001 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:225  
L:5001 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:225  
L:5001 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:225  
L:5030 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:226  
L:5030 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:226  
L:5030 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:226  
L:5030 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:226  
L:5067 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:228  
L:5067 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:228  
L:5067 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:228  
L:5067 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:228  
L:5248 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:236  
L:5248 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:236  
L:5248 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:236  
M:340 Repeated in SeqNo=236  
L:5445 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:245  
L:5492 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:247  
L:5749 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:259  
L:5776 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:260  
M:340 Repeated in SeqNo=260  
L:5943 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:268  
L:6602 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:299  
L:6739 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:305  
L:6830 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:309  
L:7061 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:319  
L:7502 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:339  
M:340 Repeated in SeqNo=339  
L:7673 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:346  
L:7810 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:352  
L:8117 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:366  
L:8162 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:368  
L:8295 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:374  
L:8458 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:382  
L:8521 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:385  
L:8564 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:387  
L:8587 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:388  
L:8608 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:389  
L:8633 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:390  
L:8936 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:404  
L:9571 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:434  
L:10418 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:475  
L:10877 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:496



## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/637,086

DATE: 08/25/2000

TIME: 11:22:39

Input Set : D:\COTTONREGAUG2000.RPT

Output Set: N:\CRF3\08252000\I637086.raw

L:10980 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:501  
L:11069 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:505  
L:11184 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:510  
L:11309 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:516  
L:11344 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:518